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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/023,578	12/17/2001	Jon Moran	16356.678 (DC-01611B)	3205

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EXAMINER

DEBERADINIS, ROBERT L

ART UNIT PAPER NUMBER

2836

DATE MAILED: 12/02/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/023,578

Applicant(s)

JOHN MORAN

Examiner

Robert L. DeBeradinis

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Dec 17, 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-14 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 4 6) ☐ Other:

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DETAILED ACTION

The preliminary amendment filed 12/17/01 consists of amending the specification, cancellation of claims 1-6, 15-33 and amending claim 7.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 7-11, 13, 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over BAILEY 5,739,597 in view of ODAOHARA 5,969,438.

Regarding claim 7.

BAILEY discloses an adapter card including means for selecting between two different voltages for use by the adapter card as a main power supply voltage, the adapter card further comprising:

means responsive to application of a first voltage connector 98 at a first input of the adapter card for using the first voltage as a main power supply and preventing a second voltage applied at a second input of the adapter card from being used as the main power supply, where the second input is a default input (defaults to second voltage when first voltage plug 98 is removed); and

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means responsive to a first voltage connector not being applied (plug 98 not connected) to the first input of the adapter card for using the second voltage applied to the second input as the main power.

BAILEY does not disclose means responsive to application of a first voltage at a first input of the adapter card.

ODAOHARA discloses means responsive to application of a first voltage at a first input (at adapter 20) to an apparatus having a power supply unit that can switch between internal and external power sources.

It would have been obvious to one having ordinary skill in the art at the time of this invention to provide an adopter card including means for selecting between two different voltages for use by the adapter card as a main power supply voltage, the adapter card further comprising:

means responsive to application of a first voltage at a first input of the adapter card for using the first voltage as a main power supply and preventing a second voltage applied at a second input of the adapter card from being used as the main power supply, where the second input is a default input; and

means responsive to a first voltage not being applied to the first input of the adapter card for using the second voltage applied to the second input as the main power to provide uninterrupted power to the adapter card in the event the first power source fails.

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Regarding claim 8.

BAILEY discloses a PCI adapter (abstract).

Regarding claims 9-11.

The voltages and the combination of voltages claimed in the above claims add no further limitations to claim 7. BAILEY'S adapter card operates independent to source voltages and ODAOHARA discloses an apparatus that can be configured to accept different voltages.

It would have been obvious to one having ordinary skill in the art at the time of this invention to provide a source voltage to satisfy a PCI requirement.

Regarding claims 13,14.

ODAOHARA discloses transistor 52 responsive to the first voltage (adapter voltage 20) being present or not being present at the first input.

3. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over BAILEY 5,739,597 in view of ODAOHARA 5,969,438 in further view of KIM 5,814,977.

Regarding claim 12.

BAILEY in view of ODAOHARA do not disclose means for regulating the second voltage.

KIM discloses conversion device 40 may be implemented with a conventional regulator (column 3, lines 9-10).

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It would have been obvious to one having ordinary skill in the art at the time of this invention to provide a means for regulating the second voltage to convert the second voltage to a voltage level equal to the first voltage level.

Any inquiry concerning this communication should be directed to Robert L. DeBeradinis whose number is (703) 306-5857. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Sircus, can be reached on (703) 308-3119. The fax phone number for this Group is (703) 308-7722.

RLD

NOVEMBER 27, 2002

A handwritten signature in cursive script, appearing to read "Robert L. DeBeradinis".